# REST AVAILABLE COPY

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/012563

A. CLASSIFI	CATION OF SUBJECT MATTER		2004/012363		
Int.Cl	Int.Cl <sup>7</sup> C07D265/36, 413/04, 413/10, 417/04, A61K31/538, 45/00,				
	A61P11/00, 11/06, 43/00	11 / 6 1 / 11011131 / 330 / 43 /	00,		
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)					
Int.Cl	C07D265/36, 413/04, 413/10,	417/04, A61K31/538, 45/	00		
·					
Documentation :	searched other than minimum documentation to the ex	tent that such documents are included in th	e fields searched		
Electronic data b	ase consulted during the international search (name o	f data base and, where practicable, search to	erms used)		
MEGISI	RY/CAPLUS/MEDLINE/EMBASE/BIOSI	S(STN), JSTplus(JOIS)			
G 2000					
C. DOCUMEN	TS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where a		Relevant to claim No.		
Х	TOUZEAU, F. et al., Synthesi	s and Biological	1,2		
	Evaluation of New 2-(4,5-Dih	vdro-1H-imidazo1-2-	, _		
	yl)-3,4-dihydro-2H-1,4-benzo Journal of Medicinal Chemist	xazine Derivatives,			
	No.10, pages 1962 to 1979	ry, 2003, VOI.46,			
х	1 1 OC GT. 1 NOGIOSEIECCI VE TOTION 1		1,2		
	of ethyl 3, 4-dihydro-2H-1,4	-benzoxazine	·		
	-2-carboxylate or 2-acetate Heterocycles, 2001, Vol.55,	derivatives,			
	1873 to 1888	No.10, pages			
70.	. TD 11 00475 5				
A.	JP 11-92476 A (Adir et Co.), 1-15,18		1-15,18		
İ	06 April, 1999 (06.04.99) Full text				
j		6057317 A			
l					
. 1					
× Further doc					
	uments are listed in the continuation of Box C.	See patent family annex.			
Special categories	ories of cited documents:  fining the general state of the art which is not considered	"I" later document published after the inter	national filing date or priority		
to be of partic	ular relevance	date and not in conflict with the applicate the principle or theory underlying the in-	tion but cited to understand vention		
"E" earlier applica filing date	tion or patent but published on or after the international	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone			
"L" document wh	ich may throw doubts on priority claim(s) or which is				
special reason	lish the publication date of another citation or other (as specified)	"Y" document of particular relevance; the cla	aimed invention cannot be		
'O" document refe	arring to an oral disclosure, use, exhibition or other means	considered to involve an inventive se combined with one or more other such d	ocuments, such combination		
the minimum published prior to the international filing date but fater than		being obvious to a person skilled in the a document member of the same patent far	art		
		as a second memory of the same patent la	ши		
Date of the actual completion of the international search  20 October 2004 (20 10 04)					
20 October, 2004 (20.10.04)  09 November, 2004 (09.11.04)					
Name and mailing address of the ISA/  Japanese Patent Office  Authorized officer			· · · · · · · · · · · · · · · · · · ·		
oapanes	raceur Office	1			
acsimile No.					
rm PCT/ISA/210 (second sheet) (January 2004) ATTACHMENT F					

### INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/012563

		JP2004/012563
(Continuation	i). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages Releva	
A	EVANS, J.M. et al., L-648, 0251, a novel cysteinyl-leukotriene antagonist is active by inhaled route in man, Br.J.Clin.Pharmac., 1989, Vol.28, pages 125 to 135	1-15,18
A	DENZILINGER, C. et al., Effest of the leukotriene receptor antagonists FPL 55712, LY 163443, and MK-571 on the elimination of cysteinyl leukotrienes in the rat, Br.J. Pharmacol., 1991, Vol.102, pages 865 to 870	1-15,18
A	O'BYRNE, P.M. et al., Eicosanoids and Asthma, Annals of the New York Academy of Science, 1994, Vol.744, pages 251 to 261	1-15,18
<b>A</b>	Masato MURAKI et al., "Leukotriene Kikkoyaku no Koensho Koka", The allergy in practice, 2002, Vol.22, No.10, pages 759 to 764	1-15,18

### INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/012563

Box No.	o. II Observations where certain claims were found unse	archable (Continuation of item 2 of first sheet)
Cl and is r	Claims Nos.: 16, 17 because they relate to subject matter not required to be searched aims 16 and 17 pertain to method for the thus relate to a subject matter which the not required, under the provisions intinued to extra sheet.)  Claims Nos.: because they relate to parts of the international application that do extent that no meaningful international search can be carried or	d by this Authority, namely: reatment of the human body by therapy is International Searching Authority of Article 17(2)(a)(i) of the PCT
3. 🗌	Claims Nos.: because they are dependent claims and are not drafted in accordance.	dance with the second and third sentences of Rule 6.4(a).
Box No.	. III Observations where unity of invention is lacking (Co	ontinuation of item 3 of first sheet)
1	As all required additional search fees were timely paid by the applicaims.  As all searchable claims could be searched without effort justifying any additional fee.	•
3.	As only some of the required additional search fees were timely ponly those claims for which fees were paid, specifically claims	
	No required additional search fees were timely paid by the appl restricted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mentioned in the claims; it is constituted to the invention first mention first mentioned in the claims; it is constituted to the invention first mention first mentioned in the claims; it is constituted to the invention first mention first mentio	vered by claims Nos.:
Kemark	The additional search fees were acco	

#### INTERNATIONAL SEARCH REPORT

International application No. PCT/JP2004/012563

Continuation of Box No.II-1 of continuation of first sheet(2)

and Rule 39.1(iv) of the Regulations under the PCT, to search.

<Subject of search>

The invention claimed in claims 1-9, 11-15 and 18 covers a vast plurality of compounds. However, only some of these compounds are supported by the description within the meaning of PCT Article 6 and disclosed therein within the meaning of PCT Article 5.

Further, the language "prodrug" recited in claims 1-18 renders the scope of the invention of this application unclear because even if the contents of the description are studied, what particular compounds are covered or not covered thereby cannot be stated as being clear.

Therefore, this international search report has been established by searching prior art references on the basis of compounds concretely described in the description, namely, compounds having 1,4-benzoxazone rings having substituents at 2- and 4-positions.